

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF TRANSMISSION**

Date of Deposit : June 15, 2007

Type of Document(s) : 

- Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 -- 2 pages
- Surcharge in the amount of \$130.00
- Response to Notification of Missing Requirements - 1 page
- Copy of Notification of Missing Requirements - 2 pages;
- Declaration and Power of Attorney for Patent Application - 10 pages

Serial No.: 10/589,775

Filed: August 17, 2006

I hereby certify that the documents identified above in connection with our File No. 5003073.103US1 are being filed electronically via EFS-Web on the date indicated above and are addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mailed by: \_\_\_\_\_ /Lorna D. Selvaggio/ \_\_\_\_\_  
Lorna D. Selvaggio

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>5003073.103US1</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP05/001705</b>	INTERNATIONAL FILING DATE <b>18 February 2005</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/589,775</b>
TITLE OF INVENTION <b>CLEAVING OF OLIGOMERIC (METH)ACRYLIC ACID IN A LIQUID PHASE UNDER PRESSURE</b>		
APPLICANT(S) FOR DO/EO/US <b>BALDUF, Torsten</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>(signed)</b></p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <b>Response to Notification of Missing Requirements; and copy of Notification of Missing Requirements</b></p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/589,775		INTERNATIONAL APPLICATION NO. PCT/EP05/001705		ATTORNEY'S DOCKET NUMBER 5003073.103US1	
21. The following fees are submitted:				Applicant use	Office use only
<input type="checkbox"/> a) Basic national fee ..... \$300.00 <input type="checkbox"/> b) Examination fee ..... \$200.00 <input type="checkbox"/> c) Search fee ..... \$500.00 <b>TOTAL OF ABOVE CALCULATIONS = ..... \$1000.00</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
-100 =	/50 =			x \$250.00	\$
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		-20=	9	x \$50.00	\$
Independent claims		- 3 =	0	x \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$
				<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
				<b>SUBTOTAL =</b>	\$
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
				+ \$	
				<b>1 MONTH EXTENSION OF TIME FEE =</b>	\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				+ \$	
				<b>TOTAL FEES ENCLOSED =</b>	\$130.00
				Amount to be refunded:	\$
				Amount to be charged	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>502190</u> in the amount of \$ <u>130.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502190</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
June 15, 2007				/Philip P. McCann/	
				SIGNATURE	
SMITH MOORE LLP (Customer No. 29737) P.O. Box 21927 Greensboro, NC 27420				Philip P. McCann	
				NAME	
				30,919	
				REGISTRATION NUMBER	

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: Torsten BALDUF *et al.*  
Application Serial No. 10/589,775  
Filed: August 17, 2006  
Confirmation No. 3878

International Appln. No. PCT/EP05/001705  
International Filing Date: February 18, 2005

For: **CLEAVING OF OLIGOMERIC (METH)ACRYLIC ACID  
IN A LIQUID PHASE UNDER PRESSURE**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Dear Sir:

Responsive to the Notification of Missing Requirements mailed April 17, 2007, enclosed herewith is a copy of said form and the missing parts required. Please make this document of record regarding the above-referenced serial number.

**Please charge the \$130 surcharge to Deposit Account No. 502190. The  
Commissioner is hereby authorized to charge any additional fees which may be required,  
or credit any overpayment to Deposit Account No. 502190.**

Respectfully submitted,

/Philip P. McCann/

Philip P. McCann  
Registration No. 30,919

**Smith Moore LLP**  
P.O. Box 21927  
Greensboro, NC 27420  
(336) 378-5302  
phil.mccann@smithmoorelaw.com

Date: June 15, 2007

Docket No.: 5003073.103US1



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/589,775	Torsten Balduf	5003073.103US1
INTERNATIONAL APPLICATION NO.		PCT/EP05/01705
I.A. FILING DATE		PRIORITY DATE
02/18/2005		02/19/2004
CONFIRMATION NO. 3878		
371 FORMALITIES LETTER		
*OC000000023399892*		

Date Mailed: 04/17/2007

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/17/2006
- Copy of the International Search Report filed on 08/17/2006
- Copy of IPE Report filed on 08/17/2006
- Copy of Annexes to the IPER filed on 08/17/2006
- Preliminary Amendments filed on 08/17/2006
- Information Disclosure Statements filed on 03/21/2007
- Oath or Declaration filed on 08/17/2006
- U.S. Basic National Fees filed on 08/17/2006
- Priority Documents filed on 08/17/2006
- Specification filed on 08/17/2006
- Claims filed on 08/17/2006
- Abstracts filed on 08/17/2006
- Drawings filed on 08/17/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

PATRICIA A BOOKER

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Telephone: (703) 308-9140 EXT 204

**PART 2 - OFFICE COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/589,775	PCT/EP05/01705	5003073.103US1

FORM PCT/DO/EO/905 (371 Formalities Notice)